Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

RECEIVED
MAR 1 0 2010
South Central District

March 8, 2010

Kansas Department of Health and Environment
South Central District Office
Waste management program
130 S. Market, Suite 6050
Wichita, Kansas 67202-3802

Via Fed Ex

RE: March 2, 2010 response letter

Dear Mr. Mitchell,

This notice is to comply with required response letter from your letter dated 03/02/2010.

Violation #1 40CFR268.50 (b) Storage of hazardous waste over one year.
The drum of PPE and debris located in building C had been in this location since November 2009. The operator mistakenly placed a preprinted label on the container with the June 14, 2008 date. In my previous response I had mistakenly indicated the date on this drum as having an Accumulation start date of November 2008. We have since relabeled the container to correct date of November 30, 2009 (see attachment number 1). The now properly labeled container remains on site at this time and in RCRA storage area. The container will be sent off site for disposal at an approved RCRA treatment facility at a later date.

The November 30, 2009 accumulation start date was determined by discussions with the field crew who created the drum on Monday November 30, 2009 after returning to work from the Thanksgiving Day holiday.

Violation # 2 KAR 28-31-4(b) Failure to determine is hazardous
We have conducted waste determination (TCLP) testing on the containers of oil dry and the results indicate the material is NON RCRA hazardous. The analysis for oil dry containers is attached (see attachment number 2). The containers have been sealed and properly labeled. These containers will be sent off site for disposal at a Non- Hazardous landfill. We have also conducted testing on the light bulbs and have determined them to be Non –Hazardous waste. The TCLP for Mercury was 0.023mg/L (see attachment #3).The Light bulb container will be sent offsite to Clean

Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

Harbors El Dorado for recycling.

If, after review of the information presented, you have any questions please feel free to contact Mr. Matt Noble at 316-269-7400 or myself at 513-681-6242 ext. 6364.

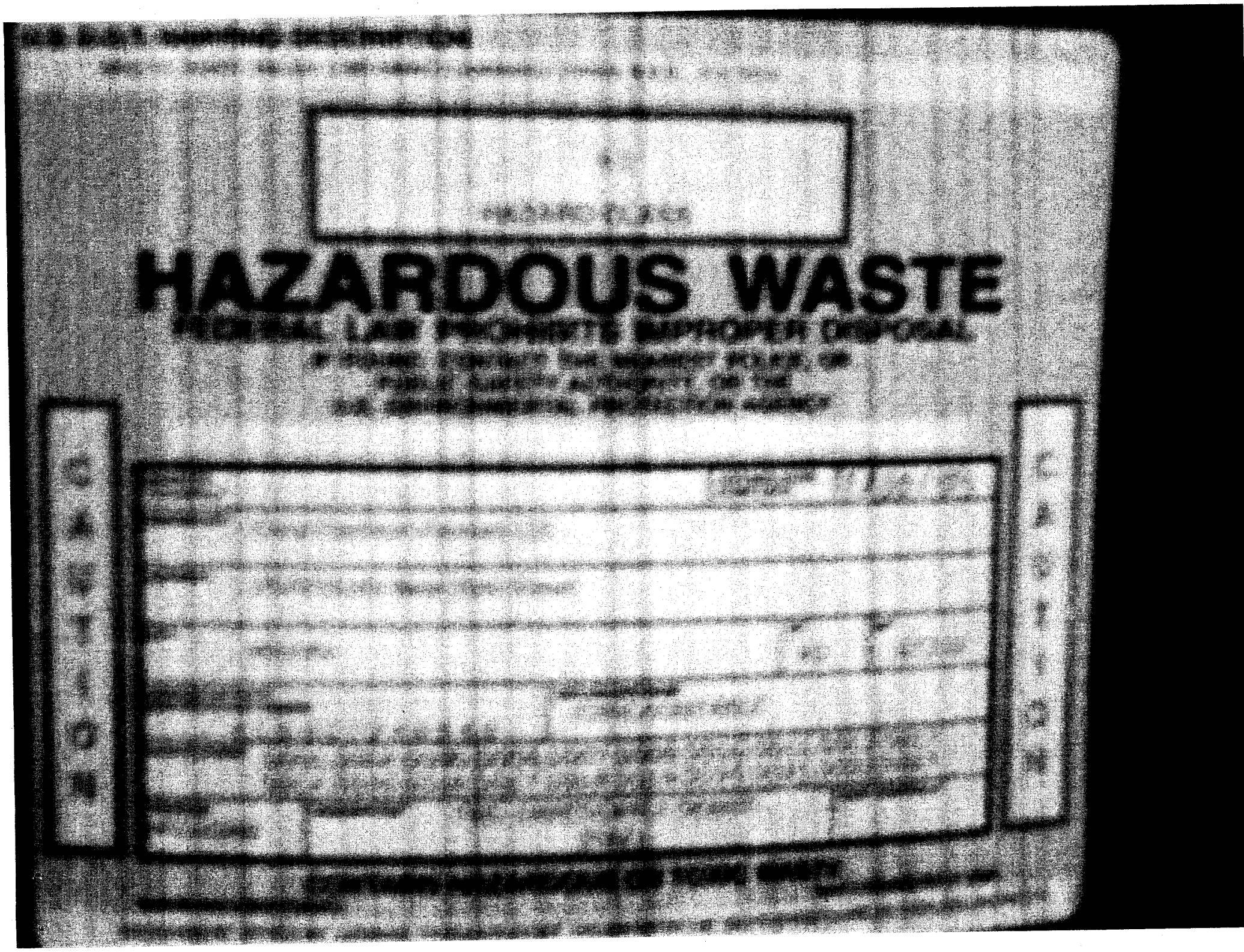
Respectfully submitted

Stephen Bley
Regulatory Compliance Manager

Cc: File
Matt Noble

Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

Attachment number 1
Corrected drum label


HAZARDOUS WASTE

Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

Attachment number 2
TCLP analysis on the oil dry containers

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 560-19004-1

Job Description: D0B080432

For:
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Attention: Ms. Lori Parsons

Erica H Padilla

Approved for release.
Erica Padilla
Project Manager I
2/12/2010 5:03 PM

Designee for
Lindy Maingot
Account Executive
lindy.maingot@testamericainc.com
02/12/2010

The test results entered in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in the report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Corpus Christi Certifications and Approvals: NELAC TX T104704210-TX, NELAC KS E-10362, Oklahoma 9968, USDA Soil Permit P330-08-00033.

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi 1733 N. Padre Island Drive, Corpus Christi, TX 78408
Tel (361) 289-2673 Fax (361) 289-2471 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Narrative
560-19004-1

Comments
No additional comments.

Receipt
Sample 560-19004-1 is a TCLP extract of TestAmerica Denver sample D0B080432-1 (#001 (oil dry)). This extract was generated from a TCLP batch performed by TestAmerica Denver. Sample 560-19004-2 (Leachate Blank) is the TestAmerica Denver leachate blank associated with client sample #001 (oil dry). Each extract was received in VOA vials and a plastic container with a pH<2 and were analyzed for VOCs and RCRA 8 metals 'as received'.

All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B (QC Batch 44755): The matrix spike / matrix spike duplicate (MS/MSD) precision for 1,4-Dioxane and Acetonitrile was outside control limits. The MS/MSD percent recoveries and associated laboratory control sample (LCS) percent recoveries for those compounds met acceptance criteria. Therefore, data are reported.

Method(s) 8260B (QC Batch 44755): The laboratory control sample (LCS) exceeded control limits for the following analytes: Chlorodibromomethane and Ethylene dibromide. These analytes were biased high in the LCS and were not detected in the associated samples. Therefore, data are reported.

No other analytical or quality issues were noted.

Metals
Method(s) 6020 (QC Batch 44755): The matrix spike / matrix spike duplicate (MS/MSD) recoveries for silver were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Therefore, data are reported.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: TestAmerica Laboratories, Inc. Job Number: 560-19004-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-19004-1	**#001 (OIL DRY)**					
Toluene		0.024		0.0050	mg/L	8260B
4-Methyl-2-pentanone (MIBK)		0.010		0.0050	mg/L	8260B
2-Butanone (MEK)		0.0036	J	0.025	mg/L	8260B
Arsenic		0.0029	J	0.0050	mg/L	6020
Barium		0.59		0.0050	mg/L	6020
Selenium		0.0029	J	0.0050	mg/L	6020
560-19004-2	**LEACHATE BLANK**					
Barium		0.0042	J	0.0050	mg/L	6020
Selenium		0.0021	J	0.0050	mg/L	6020

METHOD SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 560-19004-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CC	SW846 8260B	
Purge and Trap	TAL CC		SW846 5030B
Metals (ICP/MS)	TAL CC	SW846 6020	
Preparation, Total Metals	TAL CC		SW846 3010A
Mercury (CVAA)	TAL CC	SW846 7470A	
Preparation, Mercury	TAL CC		SW846 7470A

Lab References:

TAL CC = TestAmerica Corpus Christi

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: TestAmerica Laboratories, Inc. Job Number: 560-19004-1

Method	Analyst	Analyst ID
SW846 8260B	Goebel, Susan	SG
SW846 6020	Reyes, Eddie D	EDR
SW846 7470A	Mathewson, John E	JEM

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 560-19004-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
560-19004-1	#001 (Oil Dry)	Water	02/05/2010 0000	02/11/2010 1000
560-19004-2	Leachate Blank	Water	02/09/2010 0000	02/11/2010 1000

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 560-19004-1

Client Sample ID: #001 (Oil Dry)
Lab Sample ID: 560-19004-1

Date Sampled: 02/05/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	02/11/2010 1542		
Prep Method: 5030B			Date Prepared:	02/11/2010 1542		
Dichlorodifluoromethane	0.0021	U	mg/L	0.0021	0.0050	5.0
Chloromethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Vinyl chloride	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromomethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Chloroethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Trichlorofluoromethane	0.0012	U	mg/L	0.0012	0.0050	5.0
Ethyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon disulfide	0.0010	U	mg/L	0.0010	0.0050	5.0
Iodomethane	0.0011	U	mg/L	0.0011	0.0050	5.0
Methylene Chloride	0.010	U	mg/L	0.010	0.050	5.0
Acetone	0.025	U	mg/L	0.025	0.050	5.0
trans-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl tert-butyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
Acetonitrile	0.011	U	mg/L	0.011	0.050	5.0
1,1-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Vinyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
cis-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
2,2-Dichloropropane	0.0017	U	mg/L	0.0017	0.0050	5.0
Chloroform	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon tetrachloride	0.0013	U	mg/L	0.0013	0.0050	5.0
1,1,1-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Benzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Trichloroethene	0.0016	U	mg/L	0.0016	0.0050	5.0
Dibromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Dichlorobromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0
1,4-Dioxane	0.037	U	mg/L	0.037	0.50	5.0
cis-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Toluene	0.024		mg/L	0.0010	0.0050	5.0
2-Nitropropane	0.0011	U	mg/L	0.0011	0.025	5.0
4-Methyl-2-pentanone (MIBK)	0.010		mg/L	0.0010	0.0050	5.0
trans-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Tetrachloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 560-19004-1

Client Sample ID: #001 (Oil Dry)
Lab Sample ID: 560-19004-1

Date Sampled: 02/05/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,1,2-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorodibromomethane	0.0011	U *	mg/L	0.0011	0.0050	5.0
1,3-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylene Dibromide	0.0010	U *	mg/L	0.0010	0.0050	5.0
2-Hexanone	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorobenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromoform	0.0010	U	mg/L	0.0010	0.0050	5.0
Styrene	0.0010	U	mg/L	0.0010	0.025	5.0
1,1,2,2-Tetrachloroethane	0.0010	U	mg/L	0.0010	0.025	5.0
1,2,3-Trichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,3,5-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,4-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,3-Trichlorobenzene	0.0011	U	mg/L	0.0011	0.0050	5.0
2-Butanone (MEK)	0.0036	J	mg/L	0.0024	0.025	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	mg/L	0.0014	0.0050	5.0
Xylenes, Total	0.0011	U	mg/L	0.0011	0.015	5.0
Surrogate					Acceptance Limits	
Dibromofluoromethane (Surr)	92		%		74 - 123	
1,2-Dichloroethane-d4 (Surr)	87		%		76 - 125	
Toluene-d8 (Surr)	102		%		80 - 120	
4-Bromofluorobenzene (Surr)	93		%		77 - 120	
Method: 6020			Date Analyzed:	02/11/2010 1911		
Prep Method: 3010A			Date Prepared:	02/11/2010 1230		
Arsenic	0.0029	J	mg/L	0.0015	0.0050	1.0
Barium	0.59		mg/L	0.0012	0.0050	1.0
Cadmium	0.00085	U	mg/L	0.00085	0.0025	1.0
Chromium	0.0014	U	mg/L	0.0014	0.0050	1.0
Lead	0.0020	U	mg/L	0.0020	0.0050	1.0
Selenium	0.0029	J	mg/L	0.0011	0.0050	1.0
Method: 6020			Date Analyzed:	02/12/2010 1540		
Prep Method: 3010A			Date Prepared:	02/11/2010 1230		
Silver	0.00094	U	mg/L	0.00094	0.0050	1.0
Method: 7470A			Date Analyzed:	02/12/2010 1215		
Prep Method: 7470A			Date Prepared:	02/12/2010 0815		
Mercury	0.00013	U	mg/L	0.00013	0.0020	1.0

Job Number: 560-19004-1

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Client Sample ID: Leachate Blank
Lab Sample ID: 560-19004-2

Date Sampled: 02/09/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	02/11/2010 1422		
Prep Method: 5030B			Date Prepared:	02/11/2010 1422		
Dichlorodifluoromethane	0.0021	U	mg/L	0.0021	0.0050	5.0
Chloromethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Vinyl chloride	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromomethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Chloroethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Trichlorofluoromethane	0.0012	U	mg/L	0.0012	0.0050	5.0
Ethyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon disulfide	0.0010	U	mg/L	0.0010	0.0050	5.0
Iodomethane	0.0011	U	mg/L	0.0011	0.0050	5.0
Methylene Chloride	0.010	U	mg/L	0.010	0.050	5.0
Acetone	0.025	U	mg/L	0.025	0.050	5.0
trans-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl tert-butyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
Acetonitrile	0.011	U	mg/L	0.011	0.050	5.0
1,1-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Vinyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
cis-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
2,2-Dichloropropane	0.0017	U	mg/L	0.0017	0.0050	5.0
Chloroform	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon tetrachloride	0.0013	U	mg/L	0.0013	0.0050	5.0
1,1,1-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Benzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Trichloroethene	0.0016	U	mg/L	0.0016	0.0050	5.0
Dibromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Dichlorobromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0
1,4-Dioxane	0.037	U	mg/L	0.037	0.50	5.0
cis-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Toluene	0.0010	U	mg/L	0.0010	0.0050	5.0
2-Nitropropane	0.0011	U	mg/L	0.0011	0.025	5.0
4-Methyl-2-pentanone (MIBK)	0.0010	U	mg/L	0.0010	0.0050	5.0
trans-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Tetrachloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0

Job Number: 560-19004-1

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Client Sample ID: Leachate Blank
Lab Sample ID: 560-19004-2

Date Sampled: 02/09/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,1,2-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorodibromomethane	0.0011	U *	mg/L	0.0011	0.0050	5.0
1,3-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylene Dibromide	0.0010	U *	mg/L	0.0010	0.0050	5.0
2-Hexanone	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorobenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromoform	0.0010	U	mg/L	0.0010	0.025	5.0
Styrene	0.0010	U	mg/L	0.0010	0.025	5.0
1,1,2,2-Tetrachloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,3-Trichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,3,5-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,4-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,3-Trichlorobenzene	0.0011	U	mg/L	0.0011	0.025	5.0
2-Butanone (MEK)	0.0024	U	mg/L	0.0024	0.025	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	mg/L	0.0014	0.0050	5.0
Xylenes, Total	0.0011	U	mg/L	0.0011	0.015	5.0
Surrogate					Acceptance Limits	
Dibromofluoromethane (Surr)	91		%		74 - 123	
1,2-Dichloroethane-d4 (Surr)	88		%		76 - 125	
Toluene-d8 (Surr)	104		%		80 - 120	
4-Bromofluorobenzene (Surr)	95		%		77 - 120	
Method: 6020			Date Analyzed: 02/11/2010 1930			
Prep Method: 3010A			Date Prepared: 02/11/2010 1230			
Arsenic	0.0015	U	mg/L	0.0015	0.0050	1.0
Barium	0.0042	J	mg/L	0.0012	0.0050	1.0
Cadmium	0.00085	U	mg/L	0.00085	0.0025	1.0
Chromium	0.0014	U	mg/L	0.0014	0.0050	1.0
Lead	0.0020	U	mg/L	0.0020	0.0050	1.0
Selenium	0.0021	J	mg/L	0.0011	0.0050	1.0
Method: 6020			Date Analyzed: 02/12/2010 1615			
Prep Method: 3010A			Date Prepared: 02/11/2010 1230			
Silver	0.00094	U	mg/L	0.00094	0.0050	1.0
Method: 7470A			Date Analyzed: 02/12/2010 1218			
Prep Method: 7470A			Date Prepared: 02/12/2010 0815			
Mercury	0.00013	U	mg/L	0.00013	0.0020	1.0

DATA REPORTING QUALIFIERS

Client: TestAmerica Laboratories, Inc. Job Number: 560-19004-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

Attachment number 3
TCLP analysis on the light bulbs

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-543-1

Job Description: Clean Harbors Wichita LDR

For:
Clean Harbors Environmental Services Inc
2549 N. New York St.
Wichita, KS 67219

Attention: Mr. Nate Embery

Lori Parsons

Approved for release.
Lori A Parsons
Project Manager I
2/16/2010 5:03 PM

Lori A Parsons
Project Manager I
lori.parsons@testamericainc.com
02/16/2010

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

CASE NARRATIVE

Client: Clean Harbors Environmental Services Inc

Project: Clean Harbors Wichita LDR

Report Number: 280-543-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The sample was received on 02/12/2010; the sample arrived in good condition.

These data and reporting limits are being used specifically to meet the needs of this project. All RLs are supported by TestAmerica's Method Detection Limits (MDLs). Reporting limits in this report are at or above the MDL.

I certify that the data presented in this report are accurate, complete, and meets the minimum quality assurance standards in 40-CFR 136, 40-CFR 141, and/or SW846. The results included in this report relate only to the samples in this report, have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. An assessment of the quality of the data, noting any exceptions, outliers, and/or problems encountered have been narrated herein.

TCLP MERCURY
Sample 280-543-1 was analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The sample was leached on 02/12/2010, and prepared and analyzed on 02/16/2010.

The sample was reported at a 3X dilution.

The method required MS/MSD could not be performed due to insufficient sample volume. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No difficulties were encountered during the TCLP mercury analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
280-543-1	LIGHT BULBS - BROKEN				
TCLP					
Mercury		0.023	0.0060	mg/L	7470A

METHOD SUMMARY

Client: Clean Harbors Environmental Services Inc | Job Number: 280-543-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Mercury (CVAA)	TAL CC	SW846 7470A	
TCLP Extraction	TAL CC		SW846 1311
Preparation, Mercury	TAL CC		SW846 7470A

Lab References:

TAL CC = TestAmerica Corpus Christi

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Method	Analyst	Analyst ID
SW846 7470A	Mathewson, John E	JEM

SAMPLE SUMMARY

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-543-1	Light Bulbs - broken	Solid	02/09/2010 1700	02/12/2010 1030

SAMPLE RESULTS

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Client Sample ID: **Light Bulbs - broken**

Lab Sample ID: 280-543-1
Client Matrix: Solid

Date Sampled: 02/09/2010 1700
Date Received: 02/12/2010 1030

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-44922		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-44923		Lab File ID:	N/A
Dilution:	3.0	Leachate Batch: 560-44820		Initial Weight/Volume:	50 mL
Date Analyzed:	02/16/2010 1528			Final Weight/Volume:	50 mL
Date Prepared:	02/16/2010 1200				
Date Leached:	02/12/2010 1400				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.023		0.00039	0.0060

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

QUALITY CONTROL RESULTS

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 560-44820					
280-543-1	Light Bulbs - broken	P	Solid	1311	
Analysis Batch:560-44922					
LCS 560-44923/5-A	Lab Control Sample	T	Water	7470A	560-44923
LCSD 560-44923/6-A	Lab Control Sample Duplicate	T	Water	7470A	560-44923
MB 560-44923/4-A	Method Blank	T	Water	7470A	560-44923
280-543-1	Light Bulbs - broken	P	Solid	7470A	560-44923
Prep Batch: 560-44923					
LCS 560-44923/5-A	Lab Control Sample	T	Water	7470A	
LCSD 560-44923/6-A	Lab Control Sample Duplicate	T	Water	7470A	
MB 560-44923/4-A	Method Blank	T	Water	7470A	
280-543-1	Light Bulbs - broken	P	Solid	7470A	560-44820

Report Basis
P = TCLP
T = Total

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Method Blank - Batch: 560-44923

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 560-44923/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2010 1508
Date Prepared: 02/16/2010 1200

Analysis Batch: 560-44922
Prep Batch: 560-44923
Units: mg/L

Instrument ID: Mhg1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.00013	0.0020

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 560-44923

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID: LCS 560-44923/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2010 1510
Date Prepared: 02/16/2010 1200

Analysis Batch: 560-44922
Prep Batch: 560-44923
Units: mg/L

Instrument ID: Mhg1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 560-44923/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2010 1513
Date Prepared: 02/16/2010 1200

Analysis Batch: 560-44922
Prep Batch: 560-44923
Units: mg/L

Instrument ID: Mhg1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	87	84	80 - 120	4	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 560-44923

Method: 7470A
Preparation: 7470A

LCS Lab Sample ID:	LCS 560-44923/5-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 560-44923/6-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	02/16/2010 1510			Date Analyzed:	02/16/2010 1513
Date Prepared:	02/16/2010 1200			Date Prepared:	02/16/2010 1200

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.00500	0.00500	0.00435	0.00419

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Laboratory Chronicle

Lab ID: 280-543-1 **Client ID:** Light Bulbs - broken

Sample Date/Time: 02/09/2010 17:00 Received Date/Time: 02/12/2010 10:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	280-543-A-1-B		560-44922	560-44923	02/16/2010 12:00	3	TAL CC	JEM
A:7470A	280-543-A-1-B		560-44922	560-44923	02/16/2010 15:28	3	TAL CC	JEM

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	MB 560-44923/4-A		560-44922	560-44923	02/16/2010 12:00	1	TAL CC	JEM
A:7470A	MB 560-44923/4-A		560-44922	560-44923	02/16/2010 15:08	1	TAL CC	JEM

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	LCS 560-44923/5-A		560-44922	560-44923	02/16/2010 12:00	1	TAL CC	JEM
A:7470A	LCS 560-44923/5-A		560-44922	560-44923	02/16/2010 15:10	1	TAL CC	JEM

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	LCSD 560-44923/6-A		560-44922	560-44923	02/16/2010 12:00	1	TAL CC	JEM
A:7470A	LCSD 560-44923/6-A		560-44922	560-44923	02/16/2010 15:13	1	TAL CC	JEM

Lab References:
TAL CC = TestAmerica Corpus Christi

543

[redacted]

Chain of Custody Record

4124 (0907)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

ambient

Client: Clean Harbors	Project Manager: Lori Parsons	Date:	Chain of Custody Number: 407035
Address: 2549 N New York	Telephone Number (Area Code)/Fax Number: (303) 736-0198	Lab Number:	Page _____ of _____
City: Wichita. State: KS Zip Code: 67219	Site Contact: Mathew Noble	Lab Contact:	
Project Name and Location (State): (same as above)	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis (Attach list if more space is needed): TCLP Hg	Special Instructions/ Conditions of Receipt
Light Bulbs - broken	2/9/10	1760					X	X						X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By	02/12/10	1130
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

02/16/2010

Page 15 of 17

Login Sample Receipt Check List

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Login Number: 543
Creator: Parsons, Lori A
List Number: 1

List Source: TestAmerica Denver

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Is the Field Sampler's name present on COC?		
Sample Preservation Verified		

Login Sample Receipt Check List

Client: Clean Harbors Environmental Services Inc

Job Number: 280-543-1

Login Number: 543
Creator: McDermott, Vivian
List Number: 1

List Source: TestAmerica Corpus Christi
List Creation: 02/12/10 01:51 PM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	True	Metals
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

KANSAS
DEPARTMENT OF HEALTH
AND ENVIRONMENT

Mark Parkinson, Governor
Roderick L. Bremby, Secretary

www.kdheks.gov

March 2, 2010

Stephen Bley
Clean Harbors Kansas, L.L.C.
2549 N. New York
Wichita, KS 67219

Re: Waste Compliance Inspection
Inspection Dates: January 27 and 28, 2010
Clean Harbors Kansas, L.L.C.
2549 N. New York
Wichita, Kansas 67219
EPA ID No.: KSD 007 246 846

Dear Mr. Bley,

The Kansas Department of Health and Environment (KDHE) reviewed your response dated February 17, 2010. Based on the information provided in your response additional information is required to correct Violations 1 and 2:

Violation 1: **Storage of hazardous waste for over one year in violation of Kansas Administrative Regulation K.A.R. 28-31-14/40 CFR 268.50(b).** In your response you describe the drum of PPE and debris located in building C had been mistakenly marked with an accumulation start date of November 2008, but had since been relabeled with the correct start date of November 30, 2009. During the inspection, Violation 1 was cited for the drum marked with the accumulation start date of June 14, 2008. Please readdress the violation by referencing the correct drum. Does the drum remains stored onsite, or has it has been disposed of (if disposed of please provide me with the disposal manifest). Additionally, please provide more information as to how the employee determined the drums accumulation start date was November 30, 2009.

Violation 2: **Failure to determine if waste is hazardous waste in violation of K.A.R. 28-31-4(b).** Violation 2 was cited for both the contaminated oil-dry and fluorescent lamps.

- In your response you failed to respond with information on how you plan to dispose of the non-hazardous oil-dry.
- In your response you failed to respond with a waste determination for the fluorescent lamps generated at the facility. During the inspection I observed one closed and labeled fiberboard container that had accumulated 12 spent GE silvertip 8-foot fluorescent lamps. The label on the container read "Non-Hazardous Waste," and the accumulation start date

was marked as July 21, 2008. Matt Noble, Facility General Manager, provided me with an MSDS for the GE silvertip 8-foot fluorescent lamps. The MSDS provided no evidence that the fluorescent lamps had been determined to be non-hazardous. A determination still needs to be made on the fluorescent lamps.

To date Violations 1 and 2 remain outstanding. A written response describing your facilities actions taken to correct Violations 1 and 2 described above, must be provided to me at the SCDO by **March 10, 2010.**

Your cooperation with the hazardous waste management program is appreciated. If you haven any questions regarding this letter, please contact me at (316) 337-6038.

Sincerely,

Joseph Mitchell
Environmental Scientist
Bureau of Environmental Field Services

Cc: Jim Rudeen – BWM
Rebecca Wenner – BWM
SCDO – Waste Unit

Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

February 17, 2010

Kansas Department of Health and Environment
South Central District Office
Waste management program
130 S. Market, Suite 6050
Wichita, Kansas 67202-3802

Certified mail number 7005 3110 0001 6271 6697

RE: Notice of NON Compliance dated 01/28/2010

Dear Mr. Mitchell,

This notice is to comply with required response letter from the Notice of Compliance/NON-Compliance dated 01/28/2010.

Violation #1 40CFR268.50 (b) Storage of hazardous waste over one year.
The drum of PPE and debris located in building C had been in this location since November 2009. The operator mistakenly placed a label on the container with November 2008 date. We have since relabeled the container to correct date of November 30, 2009 (see attachment number 1). Given this information we believe this violation should be rescinded.

Violation # 2 KAR 28-31-4(b) Failure to determine is hazardous
We have conducted waste determination (TCLP) testing on the containers of oil dry and the results indicate the material is NON RCRA hazardous. The analysis for oil dry containers is attached (see attachment number 2).

Comment A: Product spill in Building J
The Non hazardous packing material has been recovered.

Comment B: roll-off containers located west of building B
The old labels have been removed from the roll-off containers which are located west of building B.

If, after review of the information presented, you have any questions please feel free to contact Mr. Matt Noble at 316-269-7400 or myself at 513-681-6242 ext. 6364.

Respectfully submitted

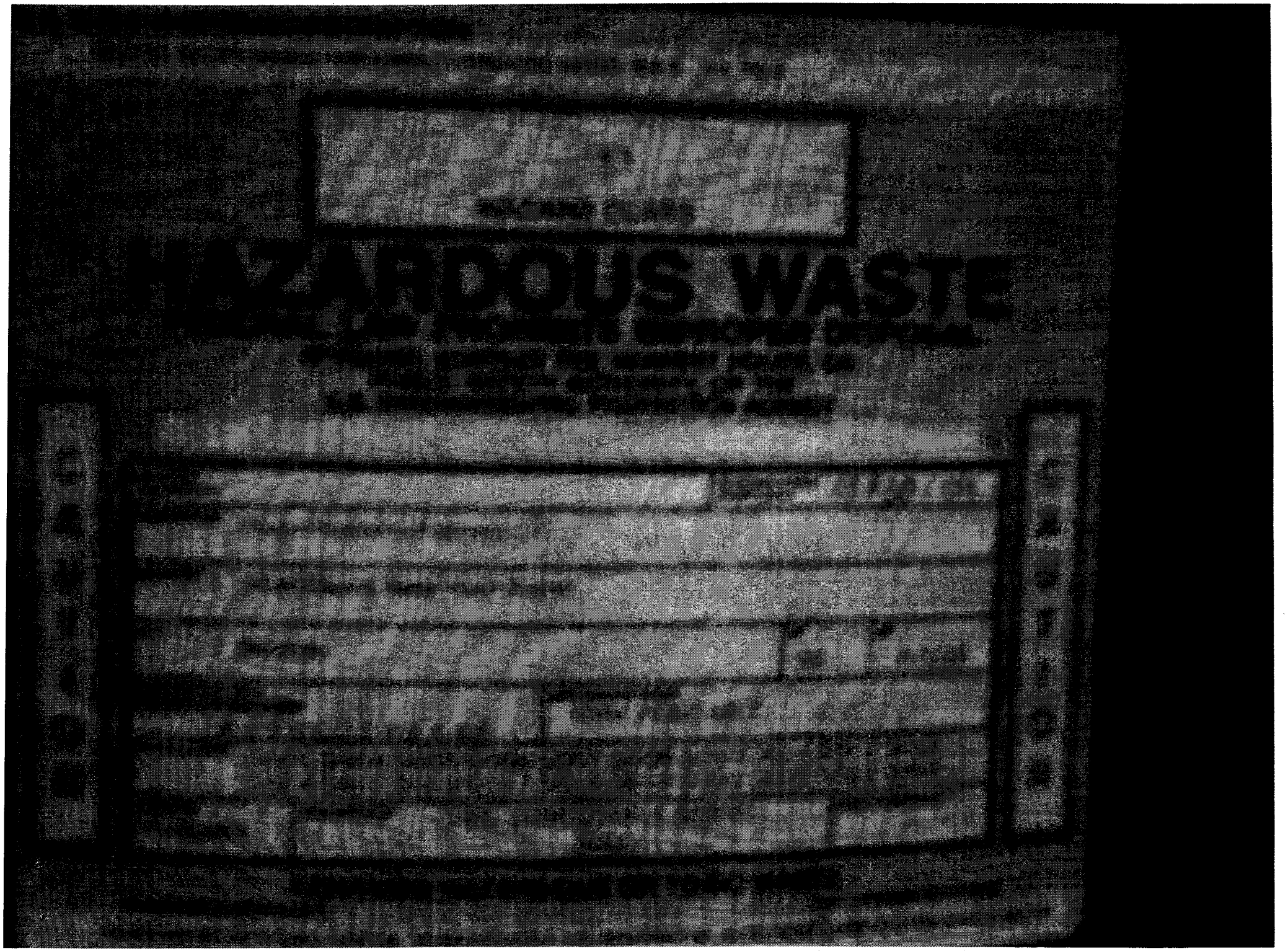
Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

Stephen Bley
Regulatory Compliance Manager

Cc: File
Matt Noble

Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

Attachment number 1
Corrected drum label


HAZARDOUS WASTE

Clean Harbors of Wichita
2549 North New York Street
Wichita, KS 67219

Attachment number 2
TCLP analysis

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 560-19004-1

Job Description: D0B080432

For:
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Attention: Ms. Lori Parsons

Erica H Padilla

Approved for release.
Erica Padilla
Project Manager I
2/12/2010 5:03 PM

Designee for
Lindy Maingot
Account Executive
lindy.maingot@testamericainc.com
02/12/2010

The test results entered in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in the report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Corpus Christi Certifications and Approvals: NELAC TX T104704210-TX, NELAC KS E-10362, Oklahoma 9968, USDA Soil Permit P330-08-00033.

TestAmerica Laboratories, Inc.
TestAmerica Corpus Christi 1733 N. Padre Island Drive, Corpus Christi, TX 78408
Tel (361) 289-2673 Fax (361) 289-2471 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Narrative
560-19004-1

Comments
No additional comments.

Receipt
Sample 560-19004-1 is a TCLP extract of TestAmerica Denver sample D0B080432-1 (#001 (oil dry)). This extract was generated from a TCLP batch performed by TestAmerica Denver. Sample 560-19004-2 (Leachate Blank) is the TestAmerica Denver leachate blank associated with client sample #001 (oil dry). Each extract was received in VOA vials and a plastic container with a pH<2 and were analyzed for VOCs and RCRA 8 metals 'as received'.

All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B (QC Batch 44755): The matrix spike / matrix spike duplicate (MS/MSD) precision for 1,4-Dioxane and Acetonitrile was outside control limits. The MS/MSD percent recoveries and associated laboratory control sample (LCS) percent recoveries for those compounds met acceptance criteria. Therefore, data are reported.

Method(s) 8260B (QC Batch 44755): The laboratory control sample (LCS) exceeded control limits for the following analytes: Chlorodibromomethane and Ethylene dibromide. These analytes were biased high in the LCS and were not detected in the associated samples. Therefore, data are reported.

No other analytical or quality issues were noted.

Metals
Method(s) 6020 (QC Batch 44755): The matrix spike / matrix spike duplicate (MS/MSD) recoveries for silver were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. Therefore, data are reported.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: TestAmerica Laboratories, Inc.

Job Number: 560-19004-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-19004-1	**#001 (OIL DRY)**					
Toluene		0.024		0.0050	mg/L	8260B
4-Methyl-2-pentanone (MIBK)		0.010		0.0050	mg/L	8260B
2-Butanone (MEK)		0.0036	J	0.025	mg/L	8260B
Arsenic		0.0029	J	0.0050	mg/L	6020
Barium		0.59		0.0050	mg/L	6020
Selenium		0.0029	J	0.0050	mg/L	6020
560-19004-2	**LEACHATE BLANK**					
Barium		0.0042	J	0.0050	mg/L	6020
Selenium		0.0021	J	0.0050	mg/L	6020

METHOD SUMMARY

Client: TestAmerica Laboratories, Inc. Job Number: 560-19004-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CC	SW846 8260B	
Purge and Trap	TAL CC		SW846 5030B
Metals (ICP/MS)	TAL CC	SW846 6020	
Preparation, Total Metals	TAL CC		SW846 3010A
Mercury (CVAA)	TAL CC	SW846 7470A	
Preparation, Mercury	TAL CC		SW846 7470A

Lab References:

TAL CC = TestAmerica Corpus Christi

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 560-19004-1

Method	Analyst	Analyst ID
SW846 8260B	Goebel, Susan	SG
SW846 6020	Reyes, Eddie D	EDR
SW846 7470A	Mathewson, John E	JEM

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 560-19004-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
560-19004-1	#001 (Oil Dry)	Water	02/05/2010 0000	02/11/2010 1000
560-19004-2	Leachate Blank	Water	02/09/2010 0000	02/11/2010 1000

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 560-19004-1

Client Sample ID: #001 (Oil Dry)
Lab Sample ID: 560-19004-1

Date Sampled: 02/05/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	02/11/2010 1542		
Prep Method: 5030B			Date Prepared:	02/11/2010 1542		
Dichlorodifluoromethane	0.0021	U	mg/L	0.0021	0.0050	5.0
Chloromethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Vinyl chloride	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromomethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Chloroethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Trichlorofluoromethane	0.0012	U	mg/L	0.0012	0.0050	5.0
Ethyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon disulfide	0.0010	U	mg/L	0.0010	0.0050	5.0
Iodomethane	0.0011	U	mg/L	0.0011	0.0050	5.0
Methylene Chloride	0.010	U	mg/L	0.010	0.050	5.0
Acetone	0.025	U	mg/L	0.025	0.050	5.0
trans-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl tert-butyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
Acetonitrile	0.011	U	mg/L	0.011	0.050	5.0
1,1-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Vinyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
cis-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
2,2-Dichloropropane	0.0017	U	mg/L	0.0017	0.0050	5.0
Chloroform	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon tetrachloride	0.0013	U	mg/L	0.0013	0.0050	5.0
1,1,1-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Benzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Trichloroethene	0.0016	U	mg/L	0.0016	0.0050	5.0
Dibromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Dichlorobromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0
1,4-Dioxane	0.037	U	mg/L	0.037	0.50	5.0
cis-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Toluene	0.024		mg/L	0.0010	0.0050	5.0
2-Nitropropane	0.0011	U	mg/L	0.0011	0.025	5.0
4-Methyl-2-pentanone (MIBK)	0.010		mg/L	0.0010	0.0050	5.0
trans-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Tetrachloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Job Number: 560-19004-1

Client Sample ID: #001 (Oil Dry)
Lab Sample ID: 560-19004-1

Date Sampled: 02/05/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,1,2-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorodibromomethane	0.0011	U *	mg/L	0.0011	0.0050	5.0
1,3-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylene Dibromide	0.0010	U *	mg/L	0.0010	0.0050	5.0
2-Hexanone	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorobenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromoform	0.0010	U	mg/L	0.0010	0.025	5.0
Styrene	0.0010	U	mg/L	0.0010	0.025	5.0
1,1,2,2-Tetrachloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,3-Trichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,3,5-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,4-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,3-Trichlorobenzene	0.0011	U	mg/L	0.0011	0.025	5.0
2-Butanone (MEK)	0.0036	J	mg/L	0.0024	0.025	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	mg/L	0.0014	0.0050	5.0
Xylenes, Total	0.0011	U	mg/L	0.0011	0.015	5.0
Surrogate					Acceptance Limits	
Dibromofluoromethane (Surr)	92		%		74 - 123	
1,2-Dichloroethane-d4 (Surr)	87		%		76 - 125	
Toluene-d8 (Surr)	102		%		80 - 120	
4-Bromofluorobenzene (Surr)	93		%		77 - 120	
Method: 6020			Date Analyzed:	02/11/2010 1911		
Prep Method: 3010A			Date Prepared:	02/11/2010 1230		
Arsenic	0.0029	J	mg/L	0.0015	0.0050	1.0
Barium	0.59		mg/L	0.0012	0.0050	1.0
Cadmium	0.00085	U	mg/L	0.00085	0.0025	1.0
Chromium	0.0014	U	mg/L	0.0014	0.0050	1.0
Lead	0.0020	U	mg/L	0.0020	0.0050	1.0
Selenium	0.0029	J	mg/L	0.0011	0.0050	1.0
Method: 6020			Date Analyzed:	02/12/2010 1540		
Prep Method: 3010A			Date Prepared:	02/11/2010 1230		
Silver	0.00094	U	mg/L	0.00094	0.0050	1.0
Method: 7470A			Date Analyzed:	02/12/2010 1215		
Prep Method: 7470A			Date Prepared:	02/12/2010 0815		
Mercury	0.00013	U	mg/L	0.00013	0.0020	1.0

Job Number: 560-19004-1

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Client Sample ID: Leachate Blank
Lab Sample ID: 560-19004-2

Date Sampled: 02/09/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
			Date Analyzed:	02/11/2010 1422		
Method: 8260B			Date Prepared:	02/11/2010 1422		
Prep Method: 5030B						
Dichlorodifluoromethane	0.0021	U	mg/L	0.0021	0.0050	5.0
Chloromethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Vinyl chloride	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromomethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Chloroethane	0.0020	U	mg/L	0.0020	0.0050	5.0
Trichlorofluoromethane	0.0012	U	mg/L	0.0012	0.0050	5.0
Ethyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon disulfide	0.0010	U	mg/L	0.0010	0.0050	5.0
Iodomethane	0.0011	U	mg/L	0.0011	0.0050	5.0
Methylene Chloride	0.010	U	mg/L	0.010	0.050	5.0
Acetone	0.025	U	mg/L	0.025	0.050	5.0
trans-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl tert-butyl ether	0.0010	U	mg/L	0.0010	0.0050	5.0
Acetonitrile	0.011	U	mg/L	0.011	0.050	5.0
1,1-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Vinyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
cis-1,2-Dichloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
2,2-Dichloropropane	0.0017	U	mg/L	0.0017	0.0050	5.0
Chloroform	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl acetate	0.0010	U	mg/L	0.0010	0.0050	5.0
Carbon tetrachloride	0.0013	U	mg/L	0.0013	0.0050	5.0
1,1,1-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,1-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Benzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Trichloroethene	0.0016	U	mg/L	0.0016	0.0050	5.0
Dibromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Dichlorobromomethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Methyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0
1,4-Dioxane	0.037	U	mg/L	0.037	0.50	5.0
cis-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Toluene	0.0010	U	mg/L	0.0010	0.0050	5.0
2-Nitropropane	0.0011	U	mg/L	0.0011	0.025	5.0
4-Methyl-2-pentanone (MIBK)	0.0010	U	mg/L	0.0010	0.0050	5.0
trans-1,3-Dichloropropene	0.0010	U	mg/L	0.0010	0.0050	5.0
Tetrachloroethene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethyl methacrylate	0.0010	U	mg/L	0.0010	0.025	5.0

Job Number: 560-19004-1

Ms. Lori Parsons
TestAmerica Laboratories, Inc.
4955 Yarrow Street
Arvada, CO 80002

Client Sample ID: Leachate Blank
Lab Sample ID: 560-19004-2

Date Sampled: 02/09/2010 0000
Date Received: 02/11/2010 1000
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
1,1,2-Trichloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorodibromomethane	0.0011	U *	mg/L	0.0011	0.0050	5.0
1,3-Dichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylene Dibromide	0.0010	U *	mg/L	0.0010	0.0050	5.0
2-Hexanone	0.0010	U	mg/L	0.0010	0.0050	5.0
Chlorobenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Ethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
Bromoform	0.0010	U	mg/L	0.0010	0.025	5.0
Styrene	0.0010	U	mg/L	0.0010	0.025	5.0
1,1,2,2-Tetrachloroethane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,3-Trichloropropane	0.0010	U	mg/L	0.0010	0.0050	5.0
1,3,5-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,4-Trimethylbenzene	0.0010	U	mg/L	0.0010	0.0050	5.0
1,2,3-Trichlorobenzene	0.0011	U	mg/L	0.0011	0.025	5.0
2-Butanone (MEK)	0.0024	U	mg/L	0.0024	0.025	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	mg/L	0.0014	0.0050	5.0
Xylenes, Total	0.0011	U	mg/L	0.0011	0.015	5.0
Surrogate					Acceptance Limits	
Dibromofluoromethane (Surr)	91		%		74 - 123	
1,2-Dichloroethane-d4 (Surr)	88		%		76 - 125	
Toluene-d8 (Surr)	104		%		80 - 120	
4-Bromofluorobenzene (Surr)	95		%		77 - 120	
Method: 6020			Date Analyzed:		02/11/2010 1930	
Prep Method: 3010A			Date Prepared:		02/11/2010 1230	
Arsenic	0.0015	U	mg/L	0.0015	0.0050	1.0
Barium	0.0042	J	mg/L	0.0012	0.0050	1.0
Cadmium	0.00085	U	mg/L	0.00085	0.0025	1.0
Chromium	0.0014	U	mg/L	0.0014	0.0050	1.0
Lead	0.0020	U	mg/L	0.0020	0.0050	1.0
Selenium	0.0021	J	mg/L	0.0011	0.0050	1.0
Method: 6020			Date Analyzed:		02/12/2010 1615	
Prep Method: 3010A			Date Prepared:		02/11/2010 1230	
Silver	0.00094	U	mg/L	0.00094	0.0050	1.0
Method: 7470A			Date Analyzed:		02/12/2010 1218	
Prep Method: 7470A			Date Prepared:		02/12/2010 0815	
Mercury	0.00013	U	mg/L	0.00013	0.0020	1.0

DATA REPORTING QUALIFIERS

Client: TestAmerica Laboratories, Inc.

Job Number: 560-19004-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.